

# Converting Colors

Decimal(4840976)

Have a look what the booklet for  
Decimal(4840976) contains.

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# **Color**

**Decimal(4840976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49DE10
RGB	73, 222, 16
RGB Percent	29%, 87%, 6%
CMY	0.7137, 0.1294, 0.9373
CMYK	0.67, 0.00, 0.93, 0.13
HSL	103°, 87%, 47%
HSV	103°, 93%, 87%
XYZ	28.9625, 53.6964, 9.3282
YIQ	153.9650, -22.6780, -95.6540

# Conversions

## Conversions Part 2

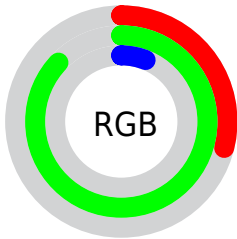
Format	Color
<a href="#">RYB</a>	<a href="#">16, 222, 165</a>
Decimal	<a href="#">4840976</a>
CIELab	<a href="#">78.28, -69.94, 74.39</a>
CIELCh	<a href="#">78, 102.104, 133.232</a>
Yxy	<a href="#">53.6964, 0.3149, 0.5837</a>
Android (android.graphics.Color)	<a href="#">4283031056 (0xFF49DE10)</a>
YUV	<a href="#">153.9650, -68.0167, -71.0063</a>
Hunter-Lab	<a href="#">73.2778, -57.6856, 43.7469</a>

# Details

The Decimal color **4840976** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **10817758**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9305946**, and **42240** is the 20% darker color. If you saturate the color by 10%, you get **4054528**, and if you desaturate by 10%, it is **5889574**.

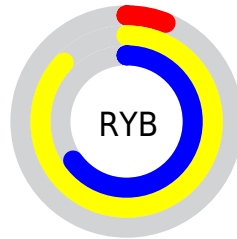
# Distribution



Red (29%)

Green (87%)

Blue (6%)



Red (6%)

Yellow (87%)

Blue (65%)

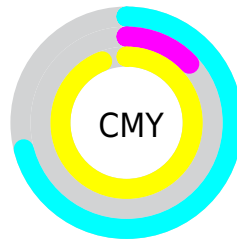


Cyan (67%)

Magenta (0%)

Yellow (93%)

Black (13%)



Cyan (71%)

Magenta (13%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4840976 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 4840976 by changing the saturation by 10% instead.





4840976



4840976

16777215



1491200



9305946



42240



11337591



35328



13369236



28416



15400881



21760



16777167



15616



16777196



8960



0



4840976



4840976

■ 4054528

■ 5889574

■ 6938172

■ 7986771

■ 9035369

■ 10083967

■ 11132565

■ 12181163

■ 13229762

■ 14343896

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12765952



4840976



59527

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4840976



56575



16730780

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4840976



10817758

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16734971



4840976



49151

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4840976



59647



16290559



16742976

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4840976



60106



16290559



16729788

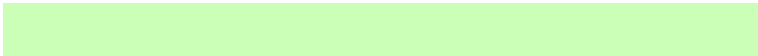


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4840976



13369272



14590992



6324308



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4840976



4718336



1105469



6844517



3256320



864256



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10817758



12058879



14553265



7169392



8323248

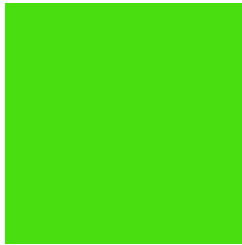


2293808



# Previews

## White Background



This preview shows how the Decimal color 4840976 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 4840976 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

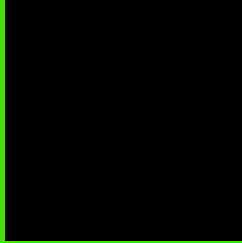
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

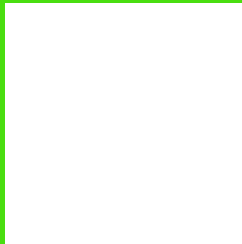
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4840976 Background



This preview shows how black text looks on a background with the Decimal color 4840976.

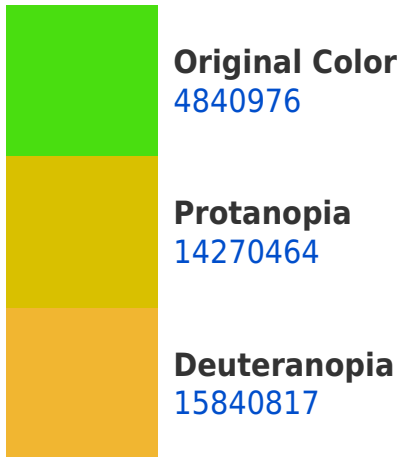


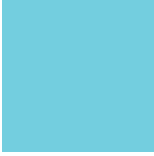
This preview shows how white text looks on a background with the Decimal color 4840976.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
7589599

# Trichromacy



**Original Color**  
4840976



**Protanomaly**  
10865414



**Deuteranomaly**  
11846949



**Tritanomaly**  
6608020

# Monochromacy



**Original Color**  
4840976



**Achromatopsia**  
10132122



**Achromatomaly**  
8237928

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4840976 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #49DE10 looks like.

```
.text, #text, p{  
    color:#49DE10  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #49DE10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49DE10
}
```

## Border

The CSS property to change the border of an element to Decimal 4840976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49DE10 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#49DE10 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #49DE10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49DE10; -webkit-box-shadow:4px 4px  
4px 4px #49DE10; box-shadow:4px 4px 4px  
4px #49DE10 }
```

# Background

The CSS property to change the background color of an element to Decimal 4840976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49DE10 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#49DE10 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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